

ABSTRACT

The communication device includes a communication microcomputer 203 and an information-processing microcomputer 207. The communication microcomputer 203 has a line quality measuring section 301, a battery level measuring section 302, a data table 304, and a data transmission/reception decision section 303. The information-processing microcomputer 207 has a data transmission/reception prediction section 307 and a communication processing section 305. The electric field level, degradation in line quality, and the remaining amount of a battery are periodically monitored during data communication such as electronic mail reception. The data transmission/reception decision section 303 implements a decision process based on various predetermined information sets acquired through the monitoring. When deciding that the line is disconnected during communication, the data transmission/reception decision section 303 interrupts the mail reception and performs a logging-out with the server, thus disconnecting the line. As a result, it can be avoided that the connection between the terminal and the server is maintained.